

Converting Colors

CIELCh(15, 34.338, 355.672)

Have a look what the booklet for
CIELCh(15, 34.338, 355.672)
contains.

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Color

CIELCh(15, 34.560, 356.168)

Conversions

Conversions Part 1

Format	Color
Hex	4E062A
RGB	78, 6, 42
RGB Percent	31%, 2%, 16%
CMY	0.6946, 0.9770, 0.8357
CMYK	0.00, 0.92, 0.46, 0.69
HSL	330°, 86%, 16%
HSV	330°, 92%, 31%
XYZ	3.6121, 1.9086, 2.3593
YIQ	31.6320, 31.3560, 26.4600

Conversions

Conversions Part 2

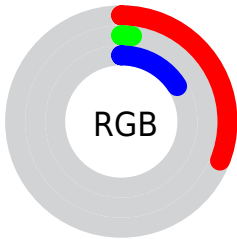
Format	Color
R_{YB}	78, 6, 42
Decimal	5113386
CIE _{Lab}	15.00, 34.48, -2.31
CIE _{LCh}	15, 34.560, 356.168
Yxy	1.9086, 0.4584, 0.2422
Android (android.graphics.Color)	4283303466 (0xFF4E062A)
YUV	31.6320, 5.1114, 40.6647
Hunter-Lab	13.8151, 22.4938, -0.4549

Details

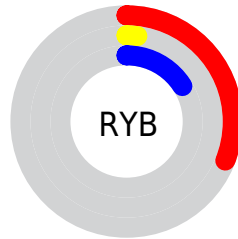
The CIELCh color **15, 34.560, 356.168** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28, 33.983, 152.600**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 34.787, 356.429**, and **2, 9.450, 16.959** is the 20% darker color. If you saturate the color by 10%, you get **14, 36.255, 357.844**, and if you desaturate by 10%, it is **16, 32.485, 353.763**.

Distribution



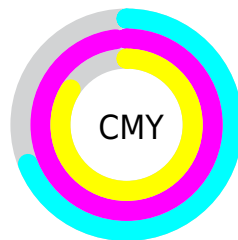
- Red (31%)
- Green (2%)
- Blue (16%)



- Red (31%)
- Yellow (2%)
- Blue (16%)



- Cyan (0%)
- Magenta (92%)
- Yellow (46%)
- Black (69%)





- Cyan (69%)
- Magenta (98%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 34.560, 356.168 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 15, 34.560, 356.168 by changing the saturation by 10% instead.

 15, 34.560,
356.168

 15, 34.560,
356.168

 100, 34.560,
356.168

 5, 34.560, 356.168


 35, 34.560,
356.168

 0, 34.560, 356.168

 45, 34.560,
356.168

 55, 34.560,
356.168


 65, 34.560,
356.168


 75, 34.560,
356.168


 85, 34.560,


356.168


 95, 34.560,
356.168


 15, 34.560,
356.168


 15, 34.560,
356.168


 14, 36.255,
357.844

 16, 32.485,
353.763

 17, 29.773,
351.714

 19, 26.395,
350.029

 21, 22.532,
348.617

 23, 18.362,
347.406

■ 25, 14.033,
346.348

■ 28, 9.655, 345.404

■ 30, 5.307, 344.542

■ 33, 1.037, 343.614

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15, 34.560, 356.168



28, 33.983, 152.600

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15, 34.560, 356.168



15, 34.560, 46.168



15, 34.560, 176.168



15, 34.560, 226.168

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15, 34.558, 356.169



35, 15.111, 346.014



10, 48.839, 312.230



15, 10.312, 346.250



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15, 34.558, 356.169



20, 43.485, 359.421



14, 37.290, 30.802



14, 2.332, 344.223



49, 78.181, 2.630

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15, 34.558, 356.169



20, 43.485, 359.421



29, 20.790, 194.277



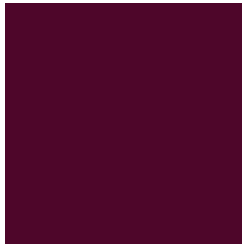
14, 2.332, 344.223



49, 78.181, 2.630

Previews

White Background



This preview shows how the CIE LCh color 15, 34.560, 356.168 looks on a white background.

Color Contrast Check

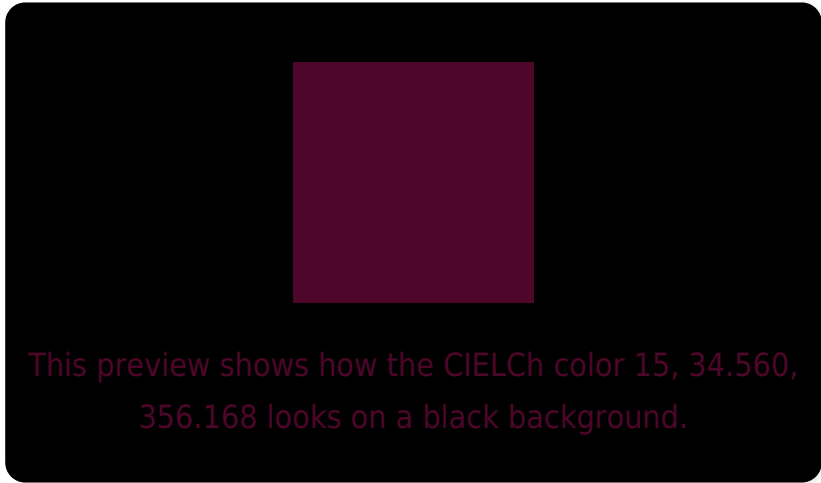
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

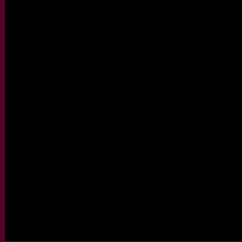
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 15, 34.560, 356.168

Background



This preview shows how black text looks on a background with the CIELCh color 15, 34.560, 356.168.



This preview shows how white text looks on a background with the CIELCh color 15, 34.560, 356.168.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15, 34.560, 356.168

Protanopia

16, 14.079, 284.257

Deuteranopia

17, 3.049, 33.126



Tritanopia
16, 32.124, 29.208

Trichromacy



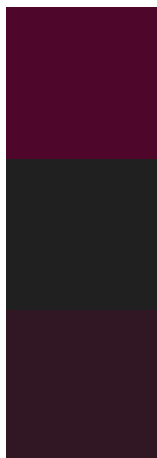
Original Color
15, 34.560, 356.168

Protanomaly
14, 19.964, 322.994

Deuteranomaly
15, 16.596, 354.586

Tritanomaly
15, 31.596, 16.308

Monochromacy



Original Color
15, 34.560, 356.168

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 16.249, 347.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 34.560, 356.168 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(78, 6, 42)` looks like.

```
.text, #text, p{  
    color:rgb(78, 6, 42)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(78, 6, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 6, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 34.560, 356.168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 6, 42) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(78, 6, 42) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(78, 6, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 6, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 6, 42); box-shadow:4px  
4px 4px 4px rgb(78, 6, 42) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 34.560, 356.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 6, 42) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(78, 6,  
42) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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